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December 2021

News & Updates

# **Equipment Upgrades Completed for Healthcare Network**

Recently, ICN engineered and implemented site upgrades to 191 locations of either physical hardware or virtual connections to lowa hospitals and clinics statewide. These locations are connected to the lowa Rural Health Telecommunications Program, which is the healthcare network managed by the lowa Hospital Association.

Read Complete Article.

### **Breaking Down the Complexity of DDoS Attacks**

DDoS attacks continue to increase in frequency and evolve in complexity. Read about the different types of attacks and the steps that ICN performs to mitigate threats for our customers in this Q&A with ICN's CIO Ryan Mulhall.

Topics include:

- 1. Are there different types of DDoS attacks?
- 2. Describe the ICN mitigation steps for DDoS attacks?
- 3. What should a customer do to prevent an attack?
- 4. How have DDoS attacks changed over the years?

Read More

#### 2021 Year in Review

In 2021, there was a lot of innovation happening at the ICN. We have compiled a list of milestones.

#### **Broadband News**

<u>lowa Driver's License to Go</u> <u>Digital During the Next Year</u>

<u>Protecting 911 from unwanted</u> <u>robocalls</u>

Broadband and the States:
The Critical Role of
Partnerships

How State Grants Support Broadband Deployment

Internet providers await federal broadband dollars

Next-Gen 911 Dispatch Tech Provider Comtech Raises \$100M

<u>Digital ID use doubled among</u> <u>MIT students in September</u>

<u>Live-fire cyber training</u> <u>slashes incident response</u> <u>time</u>

Sacramento tests Al-powered cameras for school buses

USDA Begins Accepting
Applications for \$1.15 Billion
in Loans and Grants to Help
People Living in Rural
Communities Get Access to
High-Speed Internet

Addressing The Digital Divide
In Education: Technology And
Internet Access For Students
In Underserved Communities



Read the 2021 Highlights.

## **Highlights from Social Media**

ICN Industry of the Month: Healthcare

<u>St. Anthony Regional Hospital</u> in Carroll, IA, increased bandwidth through ICN for telehealth opportunities, such as clinical/non-clinical applications & staff communication.



ICN Service of the Month: Cloud Connect



Building out Alaska's broadband infrastructure

What about smart roadways?

Missouri-based tech startup
intends to turn highways into
networks

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